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American Petroleum Institute
1220 L Street, NW
Washington, DC 20005

Weekly Statistical Bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
Vol: 74 No: 52 For Week Ending: December 24, 1993

SUMMARY

(In Thousands of 42-gallon barrels per day, except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data received from reporting companies)

	Current Week Ending: 12/24/93	Last Week Ending: 12/17/93	Last Year Week Ending: 12/25/92	Change from Last Week	Change from Last Year
REFINERY OPERATIONS					
Input to Crude Distillation	13,693	13,891	13,444	-198	249
Operable Capacity	15,145	15,145	15,459	0	-314
Percent Operated	90.4	91.7	87.0		
MOTOR GASOLINE					
Total Motor Gasoline Production	7,587	7,617	7,391	-30	196
Total Motor Gasoline Stocks	224,455	225,047	213,370	-592	11,085
Total Finished Gasoline Stocks	184,458	183,902	174,468	556	9,990
Blending Components Stocks	39,997	41,145	38,902	-1,148	1,095
JET KEROSINE					
Total Jet Kerosine Production	1,410	1,361	1,305	49	105
Total Jet Kerosine Stocks	37,697	37,996	41,251	-299	-3,554
DISTILLATE FUEL OIL					
Total Distillate Production	3,399	3,357	3,243	42	156
Total Distillate Stocks	142,749	141,936	138,899	813	3,850
RESIDUAL FUEL OIL					
Total Residual Fuel Production	834	835	816	-1	18
Total Residual Fuel Stocks	44,508	45,143	46,378	-635	-1,870
IMPORTS					
Crude Oil Imports	6,032	6,814	5,164	-782	868
Product Imports	1,482	1,728	1,883	-246	-401
CRUDE OIL STOCKS	348,444	346,815*	321,582	1,629	26,862
CRUDE SUPPLY BALANCE	775				

See Definitional Notes on Page 6.

*See revisions, Page 7.

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For Week Ending: December 24, 1993

U.S. REFINERY OPERATIONS

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Processing Units	Input to Crude Oil Distillation Units	Operable Capacity	Percent Operated
East Coast	1,451	1,242	1,261	1,442	87.4
Appal. No. 1	86	85	86	109	78.9
PADD 1 TOTAL	1,537	1,327	1,347	1,551	86.8
Week Ago	1,497	1,348	1,363	1,551	87.9
Year Ago	1,608	1,279	1,293	1,544	83.7
IN, IL, KY	2,297	2,071	2,170	2,327	93.3
MN, WI, ND, SD	348	338	339	368	92.1
OK, KS, MO	667	656	666	726	91.7
PADD 2 TOTAL	3,312	3,065	3,175	3,421	92.8
Week Ago	3,363	3,151	3,252	3,421	95.1
Year Ago	3,266	2,945	3,015	3,356	89.8
Inland TX	564	526	526	530	99.2
TX Gulf Coast	3,261	2,825	2,876	3,231	89.0
LA Gulf Coast	2,767	2,525	2,556	2,646	96.6
N. LA and AR	206	187	188	256	73.4
NM	94	85	85	95	89.5
PADD 3 TOTAL	6,892	6,148	6,231	6,758	92.2
Week Ago	6,758	6,163	6,270	6,758	92.8
Year Ago	6,670	6,062	6,131	7,138	85.9
PADD 4 TOTAL	472	432	436	519	84.0
Week Ago	481	461	461	519	88.8
Year Ago	465	415	423	514	82.3
PADD 5 TOTAL	2,583	2,465	2,504	2,896	86.5
Week Ago	2,770	2,501	2,545	2,896	87.9
Year Ago	2,747	2,475	2,582	2,907	88.8
U.S. TOTAL	14,796	13,437	13,693	15,145	90.4
Week Ago	14,869	13,624	13,891	15,145	91.7
Year Ago	14,756	13,176	13,444	15,459	87.0

See Definitional Notes on Page 6.

U.S. REFINERY OUTPUT

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Finished Motor Gasoline				Naphtha Jet Fuel	Kerosine Jet Fuel			Distillate Fuel			Residual Fuel
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Total	Commerc'l Spec	Military Spec	Total	<=.05% sulfur	>.05% sulfur	
East Coast	825	276	—	549	5	82	76	6	396	78	318	117
Appal. No. 1	35	—	—	35	—	—	—	—	25	13	12	3
PADD 1 TOTAL	860	276	—	584	5	82	76	6	421	91	330	120
Week Ago	886	299	—	587	-1	101	101	—	451	182	269	119
Year Ago	841	*na*	*na*	*na*	1	91	*na*	*na*	409	*na*	*na*	106
IN, IL, KY	1,293	538	—	755	4	136	136	—	580	322	258	76
MN, WI, ND, SD	210	37	—	173	—	31	31	—	77	16	61	7
OK, KS, MO	323	170	—	153	5	39	39	—	219	102	117	4
PADD 2 TOTAL	1,826	745	—	1,081	9	206	206	—	876	440	436	87
Week Ago	1,850	746	—	1,104	20	208	208	—	866	446	420	85
Year Ago	1,736	*na*	*na*	*na*	12	174	*na*	*na*	789	*na*	*na*	96
Inland TX	302	25	—	277	7	41	28	13	143	129	14	13
TX Gulf Coast	1,593	319	—	1,274	12	308	285	23	697	418	279	201
LA Gulf Coast	1,379	96	—	1,283	27	315	299	16	663	275	388	121
N. LA and AR	65	—	—	65	12	4	4	—	57	17	40	10
NM	64	8	—	56	1	6	—	6	35	35	—	1
PADD 3 TOTAL	3,403	448	—	2,955	59	674	616	58	1,595	874	721	346
Week Ago	3,269	388	—	2,881	51	614	571	43	1,448	753	695	335
Year Ago	3,320	*na*	*na*	*na*	99	636	*na*	*na*	1,436	*na*	*na*	273
PADD 4 TOTAL	219	11	—	208	8	26	26	—	125	67	58	9
Week Ago	214	11	—	203	3	22	22	—	134	77	57	10
Year Ago	256	*na*	*na*	*na*	7	30	*na*	*na*	124	*na*	*na*	20
PADD 5 TOTAL	1,279	603	—	676	—	422	397	25	382	218	164	272
Week Ago	1,398	653	—	745	1	416	371	45	458	256	202	286
Year Ago	1,238	*na*	*na*	*na*	37	374	*na*	*na*	485	*na*	*na*	321
U.S. TOTAL	7,587	2,083	—	5,504	81	1,410	1,321	89	3,399	1,690	1,709	834
Week Ago	7,617	2,097	—	5,520	74	1,361	1,273	88	3,357	1,714	1,643	835
Year Ago	7,391	*na*	*na*	*na*	156	1,305	*na*	*na*	3,243	*na*	*na*	816

See Definitional Notes on Page 6.

STOCKS OF SELECTED PRODUCTS
(in thousands of 42-gallon barrels)

DISTRICT	Motor Gasoline						Jet Fuel		Distillate Fuel			Residual Fuel	Unfinished Oils
	Total	Finished Motor Gasoline				Blending Components	Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%		
		Total Finished	Finished Oxygen'd	Finished Reform'd	Other Finished								
New England	5,295	5,279	498	—	4,781	16	74	542	12,810	2,806	10,004	1,122	—
Central Atlantic	34,179	28,845	8,791	—	20,054	5,334	87	4,317	38,950	9,475	29,475	13,966	9,632
Lower Atlantic	25,180	24,928	3,952	—	20,976	252	99	4,161	13,384	6,906	6,478	2,529	503
PADD 1 TOTAL	64,654	59,052	13,241	—	45,811	5,602	260	9,020	65,144	19,187	45,957	17,617	10,135
Week Ago	65,778	60,288	14,569	—	45,719	5,490	305	9,485	64,595	19,385	45,210	17,803	10,776
Year Ago	59,870	53,584	*na*	*na*	*na*	6,286	265	10,660	65,180	*na*	*na*	18,484	10,976
PADD 2 TOTAL	56,563	48,493	687	—	47,806	8,070	657	7,293	34,164	21,163	13,001	3,181	14,828
Week Ago	57,238	49,296	819	—	48,477	7,942	783	6,877	34,137	21,172	12,965	3,289	15,242
Year Ago	57,048	48,867	*na*	*na*	*na*	8,181	1,128	8,746	30,349	*na*	*na*	2,318	14,832
PADD 3 TOTAL	64,794	48,774	6,012	—	42,762	16,020	1,236	12,722	28,696	13,348	15,348	15,893	44,200
Week Ago	63,436	46,594	5,236	—	41,358	16,842	1,022	13,593	27,881	13,512	14,369	15,983	46,166
Year Ago	59,682	44,387	*na*	*na*	*na*	15,295	1,474	15,323	30,345	*na*	*na*	16,136	50,231
PADD 4 TOTAL	6,809	4,704	565	—	4,139	2,105	216	432	3,199	2,088	1,111	421	2,722
Week Ago	6,684	4,416	436	—	3,980	2,268	213	434	3,222	2,130	1,092	437	2,746
Year Ago	6,168	4,483	*na*	*na*	*na*	1,685	251	577	2,378	*na*	*na*	470	2,399
PADD 5 TOTAL	31,635	23,435	8,322	—	15,113	8,200	397	8,230	11,546	7,422	4,124	7,396	20,089
Week Ago	31,911	23,308	8,523	—	14,785	8,603	280	7,607	12,101	7,875	4,226	7,631	20,433
Year Ago	30,602	23,147	*na*	*na*	*na*	7,455	1,338	5,945	10,647	*na*	*na*	8,970	21,882
U.S. TOTAL	224,455	184,458	28,827	—	155,631	39,997	2,766	37,697	142,749	63,208	79,541	44,508	91,974
Week Ago	225,047	183,902	29,583	—	154,319	41,145	2,603	37,996	141,936	64,074	77,862	45,143	95,363
Year Ago	213,370	174,468	*na*	*na*	*na*	38,902	4,456	41,251	138,899	*na*	*na*	46,378	100,320

See Definitional Notes on Page 6.

PRODUCTION AND IMPORTS OF CRUDE OIL (INCLUDING LEASE CONDENSATE)
(daily averages in thousands of 42-gallon barrels)

DISTRICT	Estimated Crude Oil Production	Crude Oil Imports	
		Total	Canadian
PADDs 1-4			
Week Ended: December 24, 1993	4,312.0	5,823	1,226
Week Ended: December 17, 1993	4,312.0	6,482	766
Week Ended: December 10, 1993	4,312.0	6,938	633
Week Ended: December 25, 1992	4,352.0	4,916	858
DOE latest (08/93):	4,240.0		
PADD 5			
Week Ended: December 24, 1993	2,639.0	209	77
Week Ended: December 17, 1993	2,639.0	332	83
Week Ended: December 10, 1993	2,639.0	173	96
Week Ended: December 25, 1992	2,668.0	248	23
DOE latest (08/93):	2,478.0		
TOTAL U.S.			
Week Ended: December 24, 1993	6,951.0	6,032	1,303
Week Ended: December 17, 1993	6,951.0	6,814	849
Week Ended: December 10, 1993	6,951.0	7,111	729
Week Ended: December 25, 1992	7,020.0	5,164	881
DOE monthly - year ago	7,103.0		
DOE latest (08/93):	6,718.0		

CRUDE OIL STOCKS BY LOCATION
(in thousands of 42-gallon barrels)

	PADD 1	PADD 2	PADD 3	PADD 4	PADD 5 TOTAL	PADD 5 ALASKAN IN TRANSIT BY WATER	TOTAL
Current Week	14,970	77,102	170,766	10,633	74,973	19,073	348,444
Week Ago	15,602	76,603*	173,013*	10,883	70,714	15,383	346,815*
Year Ago	14,146	70,625	154,272	10,673	71,866	18,822	321,582

Daily Average Crude Oil Supply Balance (In Thousands of 42-gallon barrels)	
Current Week:	775
1992 Average:	282
1992 Positive Average:	511
1992 Negative Average:	-479

See Definitional Notes on Page 6.

*See revisions, Page 7.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

For Week Ending: December 24, 1993

DISTRICT	Motor Gasoline				Blending Components	Jet Fuel		Distillate Fuel			Residual Fuel	LPGs	Unfinished Oils	Other	Total
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%					
New England	23	—	—	23	—	—	3	68	5	63	43	—	—	—	137
Central Atlantic	46	—	—	46	1	—	34	19	15	4	152	15	73	4	344
Lower Atlantic	181	—	—	181	—	—	19	18	17	1	79	—	—	—	297
PADD 1 TOTAL	250	—	—	250	1	—	56	105	37	68	274	15	73	4	778
week ago	325	—	—	325	53	26	64	106	23	83	371	6	233	61	1,245
4 Week averages															
avg - current 4 weeks	250	—	—	250	18	13	71	140	44	96	354	22	174	26	1,068
avg - year ago 4 weeks	198	*na*	*na*	*na*	51	6	85	216	*na*	*na*	372	42	111	51	1,132
PADDs 2-4 TOTAL	6	—	—	6	—	—	1	9	9	—	111	89	397	24	637
week ago	7	—	—	7	15	—	2	11	11	—	28	63	210	82	418
4 Week averages															
avg - current 4 weeks	5	—	—	5	4	—	2	13	13	—	51	105	340	126	646
avg - year ago 4 weeks	4	*na*	*na*	*na*	3	4	19	13	*na*	*na*	37	180	174	122	556
PADD 5 TOTAL	6	—	—	6	—	—	4	3	—	3	38	3	7	6	67
week ago	7	—	—	7	—	—	5	3	—	3	17	5	6	22	65
4 Week averages															
avg - current 4 weeks	5	—	—	5	—	—	5	4	—	4	18	5	13	22	72
avg - year ago 4 weeks	2	*na*	*na*	*na*	1	—	4	3	*na*	*na*	11	6	22	4	53
U.S. TOTAL	262	—	—	262	1	—	61	117	46	71	423	107	477	34	1,482
week ago	339	—	—	339	68	26	71	120	34	86	416	74	449	165	1,728
4 Week averages															
avg - current 4 weeks	260	—	—	260	22	13	78	156	56	100	424	131	527	174	1,785
avg - year ago 4 weeks	204	*na*	*na*	*na*	55	10	108	232	*na*	*na*	419	227	307	176	1,738

See Definitional Notes on Page 6.

DEFINITIONAL NOTES FOR API'S *WEEKLY STATISTICAL BULLETIN*

GENERAL NOTES

Data published in the *Weekly Statistical Bulletin* are estimates made by API's Finance, Accounting and Statistics Department, based on data collected from reporting companies.

Data are for the week ended 7 a.m. Friday. For purposes of monthly aggregation of imports and refinery activities, and for monthly interpolation of inventories, the API treats 7 a.m. Friday as midnight Thursday.

The *Bulletin* classifies U.S. territories (i.e. Puerto Rico, Virgin Islands, Guam etc.) as foreign entities.

Definitions used by the API throughout the *Weekly Statistical Bulletin* are the same as those used by the Energy Information Administration of the Department of Energy in their *Petroleum Supply Monthly* and *Petroleum Supply Annual* publications.

Data for the corresponding week of the last year are from the published *Bulletin* for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE/EIA's *Petroleum Supply Annual*.

NOTES ON INVENTORIES

Inventory figures published in this report are those held in primary storage (i.e., at refineries, bulk terminals and in pipelines). They represent API estimates of inventories available for current shipment as well as those not available, such as stocks held in tank bottoms, pipeline fill, and in other equipment to assure continuous operations.

Stocks of oxygenated, reformulated, and other gasoline represent *finished* motor gasoline located at refineries, bulk terminals and pipelines. Motor gasoline blending components (i.e. straight run gasolines, alkylate, and reformate) are categorized separately, but are included in the total motor gasoline stock figure. Stocks of unblended oxygenates (such as MTBE and ethanol) are not included in this report. Oxygenates are reflected in the API numbers only to the extent they have been blended into finished product. The API publishes a separate weekly report on production and inventories of oxygenates on Thursdays.

NOTE ON CRUDE OIL PRODUCTION

Estimates of monthly crude oil production (including lease condensate production) are made by API the first week of the month. These estimates are generally held constant throughout the month, but may be revised at a subsequent date as more current information is received.

NOTE ON IMPORTS

Imports of crude oil and refined products include crude produced and product refined outside the 50 states and the District of Columbia. Shipments from U.S. territories such as the Virgin Islands and Puerto Rico are considered imports. Also, API classifies all withdrawals from bonded storage as imports. Geographical detail is based on port of entry basis, and timing is considered to be the time a shipment clears customs.

NOTE ON CRUDE STOCKS

Crude oil stocks include stocks on leases, but do not include stocks held in the Strategic Petroleum Reserve.

NOTE ON CRUDE SUPPLY BALANCE

The Crude Supply Balance is the arithmetic difference (in MB/D) between those factors that make up crude supply (i.e. domestic production plus imports plus stock draws) and those that make up crude demand (i.e. crude runs plus exports plus crude used directly plus crude losses). A negative volume, for example, indicates a supply greater than disposition, while a positive volume indicates the opposite.

NOTES ON GEOGRAPHICAL DETAIL

Petroleum Administration for Defense (PAD) districts provide the most oft-cited basis for regional supply and disposition statistics. Generally speaking, District 1 includes the East Coast states, District 2 the Midwest, District 3 the Gulf Coast (including Texas and New Mexico), District 4 the Rocky Mountain states, and District 5 the West Coast (including Alaska and Hawaii). More specific information on which states are included in which PAD districts is available from DOE or API.

API publishes refinery inputs and production data at a sub-PAD level for Districts 1, 2, and 3. The composition of these sub-Districts are easily determined by their titles. For product inventories and imports, API publishes data at a sub-PAD level for District 1 (which is different from the District 1 breakdown provided for refinery activities). For the purposes of inventories and imports, District 1 is dissected into the following three areas:

1)	New England	ME, NH, VT, MA, RI, and CT
2)	Central Atlantic	NY, NJ, PA, DE, MD, and DC
3)	Lower Atlantic	VA, WV, NC, SC, GA, and FL

API Weekly Statistical Bulletin
Week Ended: December 24, 1993

Revisions

12/17/93 PAGE 4 STOCKS CRUDE OIL

PADD 2 TOTAL	76,603
PADD 3 TOTAL	173,013
U.S. TOTAL	346,815